

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	27	"5924081"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 12:15
L2	1	"re40,588 e"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 12:19
S1	2	("5478183").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/09 18:58
S2	8	("5478183").URPN.	USPAT	OR	ON	2010/05/09 18:59
S3	1262	khoi near tran	USPAT	OR	ON	2010/05/09 19:06
S4	30450	"700"/\$.ccls.	USPAT	OR	ON	2010/05/09 19:07
S5	585	S3 and S4	USPAT	OR	ON	2010/05/09 19:07
S6	18	("6208908").URPN.	USPAT	OR	ON	2010/05/09 19:14
S7	125	(vertical near conveyor) near (bin bins carrier carriers compartment compartments container containers hopper hoppers tray trays)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/09 19:24

S8	7	(vertical near conveyor) near (bin bins carrier carriers compartment compartments container containers hopper hoppers tray trays) same ((upper or lower or central) near (belts or conveyors))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/09 19:24
S9	9	("5141128").URPN.	USPAT	OR	ON	2010/05/09 19:27
S10	2763	order near filling	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/09 19:39
S11	12	(order near filling) and (vertical near conveyor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/09 19:40
S12	0	(order near filling) and (vertically near moving near hopper)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/09 19:45
S13	29	(vertically near moving near hopper)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/09 19:45
S14	18	(vertically near reciprocating near hopper)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/09 19:55
S15	895	(vertically with moving with hopper)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/09 19:57

S16	128	(vertically with moving with hopper) with conveyor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/09 19:57
S17	116	(stacked) with (bin bins carrier carriers compartment compartments container containers hopper hoppers tray trays) same ((upper or lower or central) near (belts or conveyors))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/09 20:13
S18	12	(stacked) with (bin bins carrier carriers compartment compartments container containers hopper hoppers tray trays) same ((upper or lower or central) near (belts or conveyors)) with (flap or bottom)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/09 20:14
S19	471	pick and place and (order near filling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/09 20:21
S20	24	pick near place and (order near filling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/09 20:21
S21	1	"12/278,466"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/09 20:46
S22	1	S21 and virtual	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/09 20:46

S23	20	"6208908"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/09 21:03
S24	53	"5271703"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/09 21:06
S25	48	("5271703").URPN.	USPAT	OR	ON	2010/05/09 21:09
S26	137	414/199	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/16 17:00
S27	235	414/199.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/16 17:00
S28	328	S26 or S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/16 17:00
S29	606	vertical near buffer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/16 17:00
S30	34	vertical with buffer with hoppers	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/16 17:00

S31	54	("1422198"   "1956310"   "0132974"   "2515137"   "3472399"   "3815763"   "3815763"   "3850349"   "3986622"   "4004700"   "4338058"   "4561467"   "4871059"   "4978252"   "4978252"   "5289909"   "5758477"   "H001747").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/16 17:06
S32	10	"5478183"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/16 17:54
S33	216	freudelsperger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 13:51
S34	36	("6170230").URPN.	USPAT	OR	ON	2010/09/17 14:10
S35	6	("3647080"   "4613270"   "5141118"   "5419444"   "5447407"   "6431378").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 14:21
S36	0	("6733222").URPN.	USPAT	OR	ON	2010/09/17 14:22
S37	1	"10/398,969"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/21 17:10
S38	1	S37 and items	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/21 17:10
S39	1	S37 and product	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/21 17:11

S40	4	"11/197,788"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/21 17:17
S41	0	S40 and vend	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/21 17:19
S42	20	("20050177282"   "3294152"   "4688895"   "5097986"   "5842597"   "6378324"   "6389822"   "6722142"   "6975926").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/21 17:21
S43	3	"7451891"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/21 17:24
S44	7	"6003654"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/21 17:26
S45	9	"5846043"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/21 17:27
S46	3	"7451891"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/23 15:18
S47	1	S46 and refrigerated	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/23 15:18

S48	1	"12/196,126"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/23 16:30
S49	63990	vending near machine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 15:14
S50	1261900	(validator validate validates validating validated acceptor accepting accept accepts accepting discriminator discriminate discriminating discriminates discriminated changer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 15:15
S51	580597	(banknote banknotes bill bills cash cheque cheques currency (currency near bill) money moneys (paper near currency) (paper near notes) (paper near money) paper- money paper-moneys tender "negotiable instruments" "documents of value") (coins tokens)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 15:17
S52	7861	S49 and S50 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 15:17
S53	185	S52 and mdb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 15:17
S54	209	S52 and (mdb or "multi-drop bus" or (multidrop near bus))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 15:18

S55	192	S54 and change	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 15:19
S56	186	S55 and (change with (banknote banknotes bill bills cash cheque cheques currency (currency near bill) money moneys (paper near currency) (paper near notes) (paper near money) paper- money paper-moneys tender "negotiable instruments" "documents of value") (coins tokens))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 15:20
S57	111	S55 and (change with (banknote banknotes bill bills cash cheque cheques currency (currency near bill) money moneys (paper near currency) (paper near notes) (paper near money) paper- money paper-moneys tender "negotiable instruments" "documents of value") with (coins tokens))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 15:20
S58	279923	4and (change with (banknote banknotes bill bills cash cheque cheques currency (currency near bill) money moneys (paper near currency) (paper near notes) (paper near money) paper- money paper-moneys tender "negotiable instruments" "documents of value") (coins tokens))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 17:37

S59	5684	S52 and (change with (banknote banknotes bill bills cash cheque cheques currency (currency near bill) money moneys (paper near currency) (paper near notes) (paper near money) paper-money paper-moneys tender "negotiable instruments" "documents of value") (coins tokens))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 17:37
S60	773	S52 and (change with (banknote banknotes bill bills cash cheque cheques currency (currency near bill) money moneys (paper near currency) (paper near notes) (paper near money) paper-money paper-moneys tender "negotiable instruments" "documents of value") with (coins tokens))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 17:37
S61	440	S60 and (dispens\$3 with change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 17:49
S62	47	("5734150").URPNL	USPAT	OR	ON	2010/09/24 18:03
S63	89	"5076441"	USPAT	OR	ON	2010/09/24 18:22
S64	23	"4458187"	USPAT	OR	ON	2010/09/24 18:55
S65	0	"10/814,390"	USPAT	OR	ON	2010/09/24 21:19
S66	1	"10/814,390"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 21:19

S67	63990	vending near machine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 21:33
S68	18610	host near controller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 21:33
S69	51143	((unit or slave or intermediary or intermediate or sub) near controller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 21:33
S70	251	S68 with S69	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 21:34
S71	88371	((unit or slave or intermediary or intermediate or sub or interface) near controller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 21:34
S72	2141	S68 with S71	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 21:35
S73	0	S72 and (change near dispens\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 21:35
S74	1497	S72 and (change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 21:35

S75	2	S72 and (change with dispens\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 21:36
S76	1724	S68 near S71	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 21:37
S77	40	S68 adj S71	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 21:38
S78	44	S72 and vending	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 21:39
S79	776	S67 and ((unit or slave or intermediary or intermediate or sub or interface) near controller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 21:42
S80	6151	(change near3 dispens \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 21:43
S81	61	S79 and S80	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 21:43
S82	22630	"194"/\$.ccs.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 21:47

S83	97	S82 and (interface near (controller or control))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 21:48
S84	3	S83 and mdb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 21:48
S85	2	S83 and dex	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 22:13
S86	64868	"700"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 22:13
S87	2230	S86 and dex or mdb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 22:13
S88	89	S87 and S71	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 22:14
S89	19	S88 and (acceptor or validator or discriminator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 22:14
S90	71	audit with (acceptor or validator or discriminator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 22:51

S91	153	audit same (acceptor or validator or discriminator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 22:59
S92	43	S91 and vend	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 22:59

**EAST Search History (Interference)**

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**9/ 25/ 10 2:09:52 PM****C:\ Documents and Settings\jshapiro\ My Documents\ EAST\ workspaces\ 12278466.wsp**